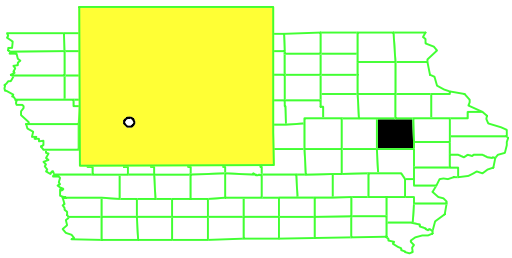
ELECTRO-COATINGS, INC.

IOWA
EPA ID# IAD005279039

EPA Region 7
City: Cedar Rapids
County: Linn County
Other Names:



SITE DESCRIPTION

The 1-acre Electro-Coatings, Inc. site is a plating shop located in Cedar Rapids that has been in operation since 1947. The plant currently performs chromium, cadmium, nickel, and zinc plating. The site lies on the northern shore of Cedar Lake, a 150-acre impoundment owned by a utility company. The Cedar River is located just west of Cedar Lake. In 1976, high levels of chromium were discovered in water from a neighboring industrial well. The contamination was traced to a leaking tank containing chromic acid at the Electro-Coatings plant. Shortly after the discovery, Electro-Coatings began a series of actions to monitor the contamination and prevent further releases. The City of Cedar Rapids, which has a population of over 108,700 people, obtains water from 46 shallow wells along the Cedar River. The closest city well is located approximately 2,000 feet west of the site.

Site Responsibility:

This site is being addressed through Federal, State, and potentially responsible parties' actions. Threats and Contaminants.

NPL LISTING HISTORY	
Proposed Date:	06/24/88
Final Date:	10/04/89
Deleted Date:	

THREATS AND CONTAMINANTS

Description: The primary groundwater contaminant is hexavalent chromium. Other heavy metals, including cadmium and nickel, have been found at elevated levels in groundwater on site. Volatile organic compounds (VOCs) have also been detected in site groundwater. However,

most of the VOCs have been attributed to a neighboring industry. The contaminated groundwater has been found to be largely contained by the neighboring industrial well. Water from this industrial well is not used for drinking water purposes and the contaminants do not adversely impact its use. No groundwater contamination has been detected in the municipal drinking water wells. The potential for contamination of Cedar Lake has also been a concern; however, no significant impact to Cedar Lake has been observed.

CLEANUP APPROACH

Response Action Status

Initial Actions: The site is being addressed in two stages: initial actions and a long-term remedial action focusing on cleanup of the entire site. In 1976, Electro-Coatings, Inc., removed the leaking deep-pit tank and intiated a leak prevention program throughout the plant. Electro-Coatings installed five monitoring wells that they sampled periodically, in addition to the neighboring industrial well. In June 1977, the State issued an Executive Order requiring Electro-Coatings to install monitoring wells to define the extent of the contaminated plume. In January 1990, Electro-Coatings entered into a Consent Order with the Iowa Department of Natural Resources (IDNR) to conduct a remedial site investigation. In 1992, contaminated soils were discovered as a chromium dipping tank was being taken out of service. Chromium-contaminated soil and concrete were removed and disposed of as hazardous waste.

Entire Site: In 1994, under State oversight, the Potentially Responsible Parties (PRPs) conducted an extensive site investigation to determine the nature and extent of contamination of the site. The selected remedy provided for continued pumping of the contaminated groundwater with discharge to the sanitary sewer, and ongoing groundwater monitoring. This involved continued pumping of the Hawkeye Rubber production well should provide adequate containment of groundwater contaminants. The need for additional extraction and monitoring further assessment and groundwater monitoring is required to determine the effectiveness of pumping the Hawkeye well and the need for additional extraction and monitoring.

Description:

Site Facts: In June 1977, the State issued an Executive Order requiring Electro-Coatings to install monitoring wells to define the extent of the contaminated plume. In January 1990, Electro-Coatings entered into a Consent Order with the Iowa Department of Natural Resources (IDNR) in which the company agreed to conduct a site investigation. Presently (September 1998) the IDNR is negotiating with Electro-Coatings to implement the ROD remedy.

ENVIRONMENTAL PROGRESS

As a result of initial actions, the Electro-Coatings, Inc. site does not pose an immediate threat to public health or the environment. Significant declines in contaminant levels have and will continue to occur as pumping and treating of contaminated groundwater proceeds.

SITE REPOSITORY

Cedar Rapids Public Library
500 First Street, S.E.
Cedar Rapids, IA 52401

Iowa Dept of Natural Resources
Records Center, 5th Floor
Wallace State Office Building
900 East Grand
Des Moines, IA 50319

Superfund Records Center
901 N. 5th St.
Kansas City, KS 66101
Mail Stop SUPR
(913)551-4038

REGIONAL CONTACTS

SITE MANAGER:	Ron King
E-MAIL ADDRESS:	king.ronald@epa.gov
	(913) 551-7568
COMMUNITY INVOLVEMENT COORDINATOR:	
PHONE NUMBER:	
PUBLIC INFORMATION CENTER:	
E-MAIL ADDRESS:	
STATE CONTACT:	Robert Drustrup
PHONE NUMBER:	515/281-8900

MISCELLANEOUS INFORMATION

STATE:	
PACIFIC ISLAND(S):	
	07Q7
CONGRESSIONAL DISTRICT:	01
EPA ORGANIZATION:	SFD-IANE/SUPR

MODIFICATIONS